

# Gwinnett County Public Schools

## Recommended Mathematics Sequences

### 2022-2023



6th Grade	7th Grade	8th Grade	9th Grade	10th Grade	11th Grade	12th Grade	Major
Math 6	Math 7	8th Grade Algebra	Algebra I (EOC)	Geometry	Algebra II	Pre-Calculus or 4th Math*	STEM or Non-STEM*
Standard or Accelerated Math 6	Standard or Accelerated Math 7	Algebra I (EOC)	Geometry	Algebra II	Pre-Calculus or Accelerated Pre-Calculus	AP Statistics or AP Calculus AB or AP Calculus BC	STEM or Non-STEM
Accelerated Math 6	Accelerated Math 7	Accelerated Algebra I (EOC)	Accelerated Geometry	Accelerated Pre-Calculus	AP Calculus AB or AP Calculus BC or AP Statistics	Advanced Calculus II or Multivariable Calculus or Dual Enrollment	STEM
Accelerated Math 7	Accelerated Algebra I (EOC)	Accelerated Geometry	Accelerated Pre-Calculus	AP Calculus AB or AP Calculus BC	Advanced Calculus II or Multivariable Calculus or Dual Enrollment	Number Theory or Differential Equations or Dual Enrollment or AP Statistics	STEM

- Four units of Mathematics are required for all students for graduation, including Algebra I, Geometry, and Algebra II, or their equivalent plus an additional fourth Mathematics course.
- Additional fourth year options also may be available based on local school offerings, including College Readiness Mathematics\*, Statistical Reasoning\*, Advanced Mathematical Decision Making\*, Calculus, Engineering Calculus, and Math of Finance. Please note Math of Finance is not Board of Regents approved and College Readiness Mathematics\* is not recognized as a 4th math for NCAA eligibility.
- While these sequences are recommended, students may be placed based on student success in prerequisite courses, local school recommendation, and local school course offerings. Gifted sections are designated by local schools.
- Students successful in Pre-Calculus may be recommended for AP Statistics. Students successful in Accelerated Pre-Calculus may be recommend for AP Calculus AB or BC.
- Students are required to participate in state-mandated End of Course assessments (indicated by EOC) to earn credit for designated high school courses.
- Special education students with an individualized Education Program (IEP) should discuss math sequence options with their counselor.
- The most accelerated sequence requires a student to complete 5th grade Advanced Content Mathematics & 6th grade Accelerated Mathematics concurrently during 5th grade at the elementary school.